

Iduna Arduini

List of Publications by Year in descending order

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61
papers

2,142
citations

236925

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44
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62
all docs

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docs citations

62
times ranked

2230
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Biochar and Vermiwash to Improve Biological Activities of Soil. <i>Agriculture (Switzerland)</i> , 2022, 12, 178.	3.1	7
2	Fine-Tuning N Fertilization for Forage and Grain Production of Barley–Field Bean Intercropping in Mediterranean Environments. <i>Agronomy</i> , 2022, 12, 418.	3.0	4
3	Cover Crop Introduction in a Mediterranean Maize Cropping System. Effects on Soil Variables and Yield. <i>Agronomy</i> , 2021, 11, 549.	3.0	4
4	Biosolids Benefit Yield and Nitrogen Uptake in Winter Cereals without Excess Risk of N Leaching. <i>Agronomy</i> , 2021, 11, 1482.	3.0	7
5	The Importance of Root Interactions in Field Bean/Triticale Intercrops. <i>Plants</i> , 2020, 9, 1474.	3.5	9
6	Field Inoculation of Bread Wheat with <i>Rhizophagus irregularis</i> under Organic Farming: Variability in Growth Response and Nutritional Uptake of Eleven Old Genotypes and A Modern Variety. <i>Agronomy</i> , 2020, 10, 333.	3.0	21
7	Rutin content in the forage and grain of common buckwheat (<i>Fagopyrum esculentum</i>) as affected by sowing time and irrigation in a Mediterranean environment. <i>Crop and Pasture Science</i> , 2020, 71, 171.	1.5	1
8	Reduced Growth and Nitrogen Uptake During Waterlogging at Tillering Permanently Affect Yield Components in Late Sown Oats. <i>Frontiers in Plant Science</i> , 2019, 10, 1087.	3.6	37
9	Editorial: Crop Response to Waterlogging. <i>Frontiers in Plant Science</i> , 2019, 10, 1578.	3.6	4
10	NITROGEN FIXATION OF GRAIN LEGUMES DIFFERS IN RESPONSE TO NITROGEN FERTILISATION. <i>Experimental Agriculture</i> , 2018, 54, 66-82.	0.9	38
11	Field bean for forage and grain in short-season rainfed Mediterranean conditions. <i>Italian Journal of Agronomy</i> , 2018, 13, 208-215.	1.0	9
12	Biosolids affect the growth, nitrogen accumulation and nitrogen leaching of barley. <i>Plant, Soil and Environment</i> , 2018, 64, 95-101.	2.2	14
13	Changes in biological properties and antioxidant capacity of an agricultural soil amended with sewage sludge. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 2062-2073.	2.6	3
14	Strong increase of durum wheat iron and zinc content by field-inoculation with arbuscular mycorrhizal fungi at different soil nitrogen availabilities. <i>Plant and Soil</i> , 2017, 419, 153-167.	3.7	56
15	Effect of preceding crop on the agronomic and economic performance of durum wheat in the transition from conventional to reduced tillage. <i>European Journal of Agronomy</i> , 2017, 82, 125-133.	4.1	17
16	Biosolids differently affect seed yield, nodule growth, nodule-specific activity, and symbiotic nitrogen fixation of field bean. <i>Crop and Pasture Science</i> , 2017, 68, 735.	1.5	5
17	Barley Response to Waterlogging Duration at Tillering. <i>Crop Science</i> , 2016, 56, 2722-2730.	1.8	32
18	Submergence sensitivity of durum wheat, bread wheat and barley at the germination stage. <i>Italian Journal of Agronomy</i> , 2016, 11, 100-106.	1.0	11

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19	Grain yield of durum wheat as affected by waterlogging at tillering. Cereal Research Communications, 2016, 44, 706-716.	1.6	36
20	Waterlogging at tillering affects spike and spikelet formation in wheat. Crop and Pasture Science, 2016, 67, 703.	1.5	29
21	Forage and grain yield of common buckwheat in Mediterranean conditions: response to sowing time and irrigation. Crop and Pasture Science, 2016, 67, 1000.	1.5	8
22	A growth scale for the phasic development of common buckwheat. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2016, 66, 215-228.	0.6	5
23	Grain legumes differ in nitrogen accumulation and remobilisation during seed filling. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2016, 66, 127-132.	0.6	8
24	Nitrogen leaching and residual effect of barley/field bean intercropping. Plant, Soil and Environment, 2015, 61, 60-65.	2.2	30
25	Nitrate leaching from forage legume crops and residual effect on Italian ryegrass. Journal of Agricultural Economics, 2015, , .	0.3	4
26	Cadmium uptake and translocation in durum wheat varieties differing in grain-Cd accumulation. Plant, Soil and Environment, 2014, 60, 43-49.	2.2	49
27	The Response of Durum Wheat to the Preceding Crop in a Mediterranean Environment. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	12
28	As durum wheat productivity is affected by nitrogen fertilisation management in Central Italy. European Journal of Agronomy, 2013, 44, 38-45.	4.1	76
29	Effects of nitrogen splitting and source on durum wheat. Cereal Research Communications, 2013, 41, 338-347.	1.6	8
30	Recovery of understory vegetation in clear-cut stone pine (<i>Pinus pinea</i> L.) plantations. Plant Biosystems, 2012, 146, 244-258.	1.6	5
31	Optimizing forage yield of durum wheat/field bean intercropping through N fertilization and row ratio. Grass and Forage Science, 2012, 67, 243-254.	2.9	20
32	Management of sulphur fertiliser to improve durum wheat production and minimise S leaching. European Journal of Agronomy, 2012, 38, 74-82.	4.1	43
33	Durum wheat grain yield and quality as affected by S rate under Mediterranean conditions. European Journal of Agronomy, 2011, 35, 63-70.	4.1	41
34	Post-anthesis dry matter and nitrogen dynamics in durum wheat as affected by nitrogen and temperature during grain filling. Cereal Research Communications, 2010, 38, 294-303.	1.6	13
35	Coordination between plant and apex development in <i>Hordeum vulgare</i> ssp. <i>distichum</i> . Comptes Rendus - Biologies, 2010, 333, 454-460.	0.2	10
36	Remobilization of Dry Matter and Nitrogen in Maize as Affected by Hybrid Maturity Class. Italian Journal of Agronomy, 2009, 4, 39.	1.0	10

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37	Accumulation of Dry Matter and Nitrogen in Durum Wheat During Grain Filling as Affected by Temperature and Nitrogen Rate. Italian Journal of Agronomy, 2009, 4, 3.	1.0	7
38	Above- and below-ground competition between barley, wheat, lupin and vetch in a cereal and legume intercropping system. Grass and Forage Science, 2009, 64, 401-412.	2.9	79
39	Sowing date affect spikelet number and grain yield of durum wheat. Cereal Research Communications, 2009, 37, 469-478.	1.6	18
40	Post-anthesis dry matter and nitrogen dynamics in durum wheat as affected by nitrogen supply and soil water availability. European Journal of Agronomy, 2008, 28, 138-147.	4.1	174
41	Post-anthesis accumulation and remobilization of dry matter, nitrogen and phosphorus in durum wheat as affected by soil type. European Journal of Agronomy, 2007, 26, 179-186.	4.1	149
42	Cadmium effects on growth and antioxidant enzymes activities in Miscanthus sinensis. Biologia Plantarum, 2006, 50, 688-692.	1.9	63
43	Grain yield, and dry matter and nitrogen accumulation and remobilization in durum wheat as affected by variety and seeding rate. European Journal of Agronomy, 2006, 25, 309-318.	4.1	199
44	Response of miscanthus to toxic cadmium applications during the period of maximum growth. Environmental and Experimental Botany, 2006, 55, 29-40.	4.2	43
45	Effects of high chromium applications on miscanthus during the period of maximum growth. Environmental and Experimental Botany, 2006, 58, 234-243.	4.2	45
46	Dry matter accumulation and remobilization of durum wheat as affected by soil gravel content. Cereal Research Communications, 2006, 34, 1299-1306.	1.6	19
47	Growth responses of sorghum plants to chilling temperature and duration of exposure. European Journal of Agronomy, 2004, 21, 93-103.	4.1	64
48	Low cadmium application increase miscanthus growth and cadmium translocation. Environmental and Experimental Botany, 2004, 52, 89-100.	4.2	85
49	pH influence on root growth and nutrient uptake of Pinus pinaster seedlings. Chemosphere, 1998, 36, 733-738.	8.2	10
50	Heavy metals influence mineral nutrition of tree seedlings. Chemosphere, 1998, 36, 739-744.	8.2	30
51	The influence of pH on root morphology and mineral content of Pinus pinaster Ait. seedlings. Plant Biosystems, 1998, 132, 3-9.	1.6	5
52	Cadmium and copper uptake and distribution in Mediterranean tree seedlings. Physiologia Plantarum, 1996, 97, 111-117.	5.2	114
53	Cadmium and copper uptake and distribution in Mediterranean tree seedlings. Physiologia Plantarum, 1996, 97, 111-117.	5.2	77
54	Nutrient Solutions Influence on Plant Growth in Stress Conditions. Giornale Botanico Italiano (Florence, Italy: 1962), 1996, 130, 423-423.	0.0	0

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55	Cadmium Tolerance in Halophilic (<i>Hordeum Maritimum</i>) and Glycophilic (<i>H. Murinum</i>) Species. <i>Giornale Botanico Italiano</i> (Florence, Italy: 1962), 1996, 130, 425-425.	0.0	0
56	Influence of copper on root growth and morphology of <i>Pinus pinea</i> L. and <i>Pinus pinaster</i> Ait. seedlings. <i>Tree Physiology</i> , 1995, 15, 411-415.	3.1	99
57	Cadmium and copper change root growth and morphology of <i>Pinus pinea</i> and <i>Pinus pinaster</i> seedlings. <i>Physiologia Plantarum</i> , 1994, 92, 675-680.	5.2	118
58	Heavy Metal Uptake and Distribution in Tree Seedlings. <i>Giornale Botanico Italiano</i> (Florence, Italy:) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.0	2
59	Cadmium and copper change root growth and morphology of <i>Pinus pinea</i> and <i>Pinus pinaster</i> seedlings. <i>Physiologia Plantarum</i> , 1994, 92, 675-680.	5.2	12
60	Response of cool-season grain legumes to waterlogging at flowering. <i>Canadian Journal of Plant Science</i> , 0, , 597-603.	0.9	34
61	Contribution of main culm and tillers to grain yield of durum wheat: Influence of sowing date and plant traits. <i>Italian Journal of Agronomy</i> , 0, , 235-247.	1.0	9